

PTO/SB/17 (10-03)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27TOTAL AMOUNT OF PAYMENT (\$)65.00**Complete if Known**

Application Number	10/690,723
Filing Date	October 22, 2003
First Named Inventor	Ymedel
Examiner Name	
Art Unit	385
Attorney Docket No.	11066

**METHOD OF PAYMENT** (check all that apply)☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☐ Deposit Account:Deposit  
Account  
Number  
Deposit  
Account  
Name


The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Credit any overpayments☐ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1) (\$)

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

	Extra Claims	Fee from below	Fee Paid
Total Claims	-20** =	X	
Independent Claims	-3** =	X	
Multiple Dependent			

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION** (continued)**3. ADDITIONAL FEES**

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	65.00
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)65.00**SUBMITTED BY**

(Complete if applicable)

Name (Print/Type)	Charles B. Lobsenz	Registration No. (Attorney/Agent)	36,857	Telephone	703-584-3276
Signature				Date	02-04-2004

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

02/10/2004 MGEERH1 00000006 10690723

65.00 DP

01 FC:2051



Attorney Docket No. RMH11066

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:	)	
Manuel Antonio Medel Lepe	)	
Serial No. 10/690,723	)	Examiner: To be assigned
Filed: October 22, 2003	)	Group Art Unit: 385
For: MINING HOPPER MADE UP	)	
OF STEEL AND POLYMERS	)	

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. 1.97(b)**

McLean, Virginia 22102

Commissioner for Patents  
Washington, D.C. 20231

Sir:

This information disclosure statement is filed before the mailing date of a first Office Action on the merits. The cited references are described below:

U.S. Patent Application Publication No. 2002/0074848 A1 proposes a truck bed hopper of a mining dump truck that is capable of elastic deformation when it is subject to the loading or unloading of material, built preferably of structural or of wear and tear steel, where the general structure of the bed hopper is curved. By this construction, the great moments of inertia which are achieved with curved surfaces eliminate or reduce to a great extent the use of beams as main resistive elements. The present bed hopper has a protective blinder which is preferably cylindrical in shape and a frontal wall and floor which are preferably elliptical in shape. The bottom of the bed hopper externally has a plurality of transversal beams, preferably 4 to 6 in number, even more preferably 5 in number which have

a main function of keeping the bottom surface curved and transferring the strengths of the envelopment to the truck's body. Further, the bottom externally also has a plurality of support elements, preferably two in number, that are located at the front part, i.e., ahead of the rotation axis of the hopper. The support elements only permit the support of the bed hopper on the truck's body and may be eliminated if the truck's body adapts itself to directly take in the transversal beams.

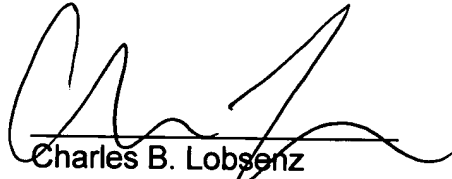
U.S. Patent 6,068,297 relates to a bulk material handling wear mat of elastomeric/polymeric material having good wear and impact resistance and is suitable for use as a wear lining in an off road haulage vehicle in which the mat is formed as a substantially planar mat having first and second opposing surfaces one of the opposing surfaces forming on exposed wear surface when in use in which the surface is under compression. There is also disclosed an adjustable rope support with apertures and a fabric reinforcement for the wear mat.

U.S. Patent No. 6,022,068 relates to a lightweight body for a dump truck which includes a floor with a pair of opposed spaced upwardly extending side walls coupled thereto. An upwardly extending front wall is included and coupled to the floor between the side walls to thereby create a space for carrying a payload and a rearward spillway for dumping the payload. The floor is formed of a plurality of adjacently positioned sections that are either separate pieces or form part of one continuous piece. The sections are arranged in an order of increasing thickness or hardness with the thickest or hardest section located at the spillway. This body structure substantially reduces weight while simultaneously preserving body strength, thereby allowing dump truck payload capability to be increased.

The art listed hereinabove, while of some relevance, is not to be considered to teach or suggest the invention described and claimed in the aforementioned application. The references do not teach or suggest the applicant's invention as presently claimed.

It is respectfully requested that the references listed herein be considered during prosecution of this application and made of record therein, appearing among the "References Cited" on any patent to issue therefrom.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Charles B. Lobenz', written over a horizontal line.

Charles B. Lobenz  
Attorney for Applicant(s)  
Registration No. 36,857  
(703) 584-3276

Date: February 4, 2004



Attorney Docket No. RMH11066

POST OFFICE ADDRESS to which  
correspondence is to be sent:

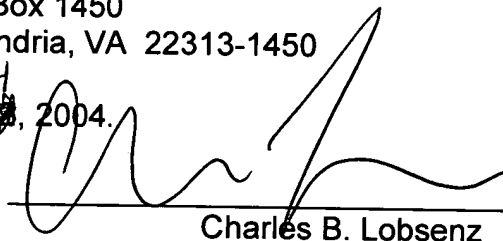
Roberts, Mlotkowski & Hobbes  
8270 Greensboro Drive, Suite 850  
McLean, VA 22102

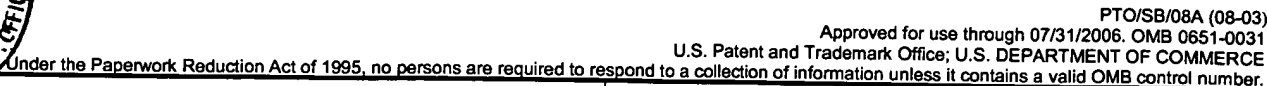
Certificate of Mailing under 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the  
United States Postal Service with sufficient postage as first class mail in  
an envelope addressed to:

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

on February 4, 2004.

  
\_\_\_\_\_  
Charles B. Lobsenz



## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

**Complete if Known**

Application Number	10/690,723
Filing Date	October 22, 2003
First Named Inventor	M. A. Medel
Art Unit	385
Examiner Name	
Attorney Docket Number	11066

[illegible][illegible]

Date	
Considered	

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.